

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Come, et al

Filed: March 4, 2002

For: THREE HYBRID ASSAY SYSTEM

Attorney Docket No. GPCG-P01-018

Art Unit: Not yet assigned

Examiner: Not yet assigned

Table 2 Inhibitors of Kinases

47 Pages



Table 2 (cont.): Inhibitors of kinases

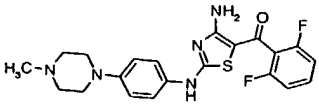
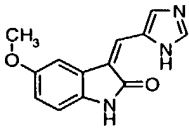
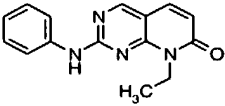
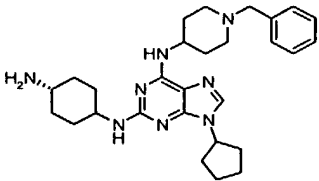
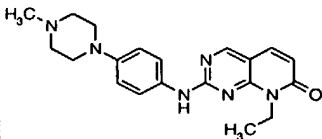
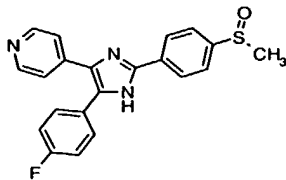
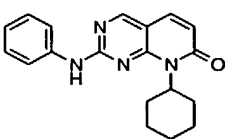
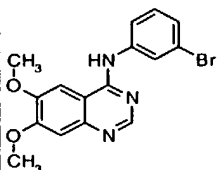
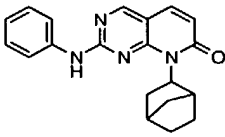
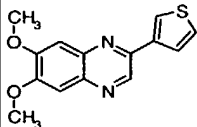
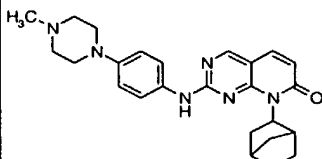
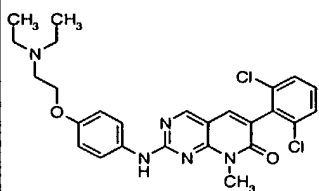
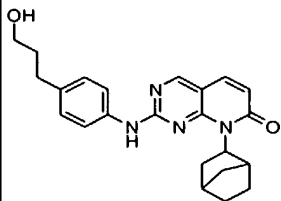
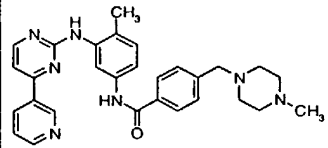
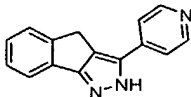
Structure	Reference	Structure	Reference
			
			
			
			
			
			J. Med. Chem. 1998, 41, 3276
			
	Bioorg. Med. Chem. Lett. 2002 , 12, 221-224		

Table 2 (cont.): Inhibitors of kinases

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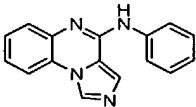
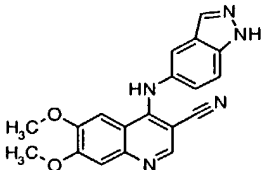
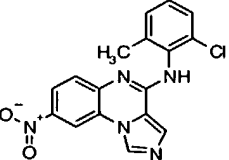
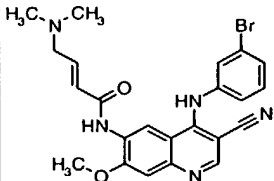
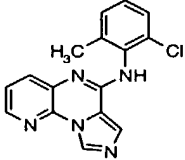
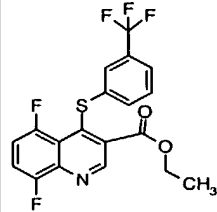
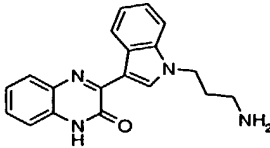
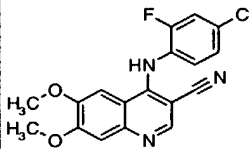
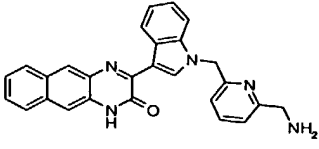
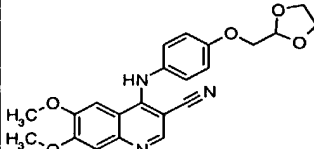
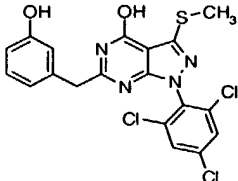
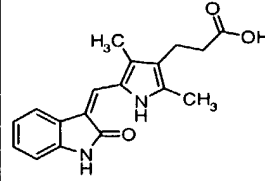
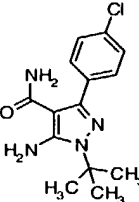
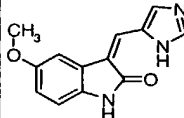
Structure	Reference	Structure	Reference
			Bior.Med.Chem.Lett. 2001, 11. 1401-1405
			
			
			
			
			
			

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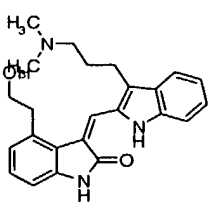
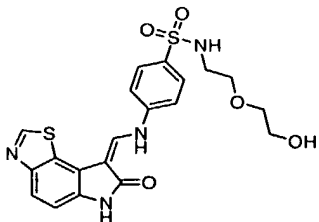
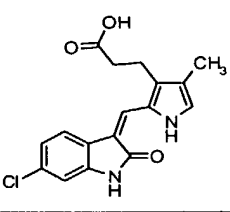
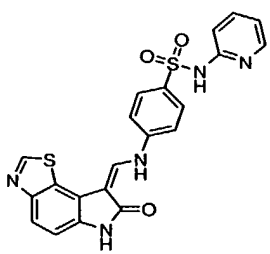
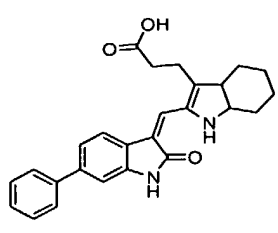
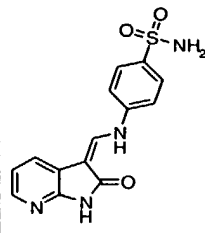
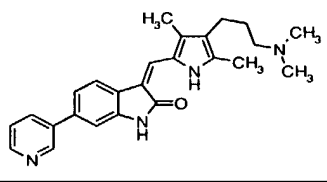
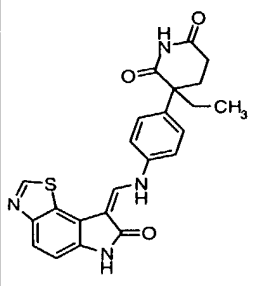
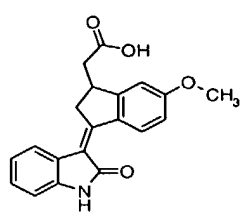
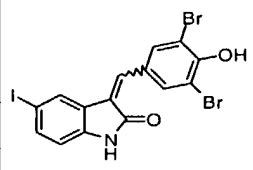
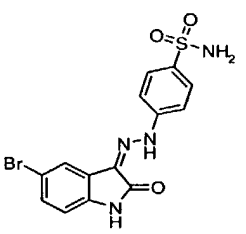
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			Bioorg. Med. Chem. Lett. 2000, 10, 223
			

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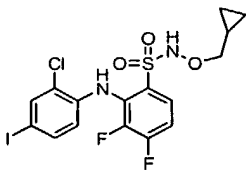
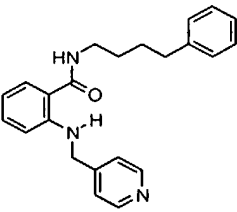
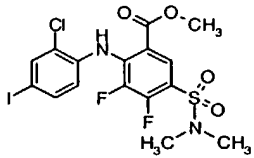
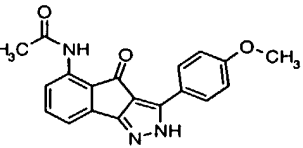
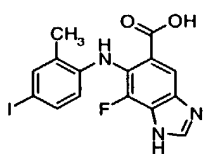
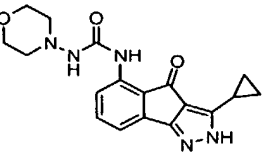
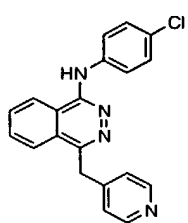
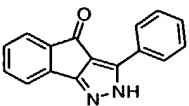
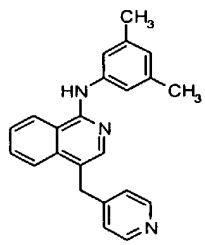
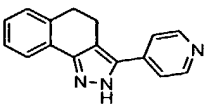
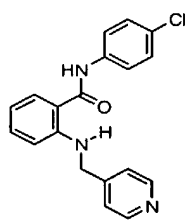
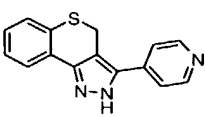
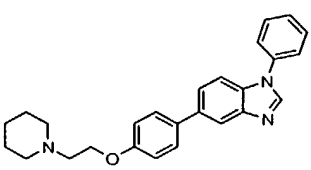
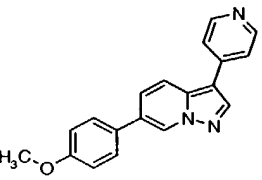
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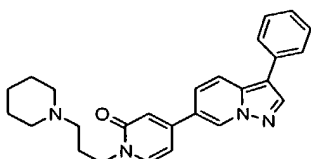
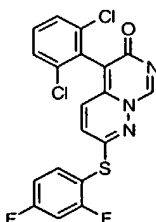
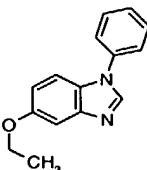
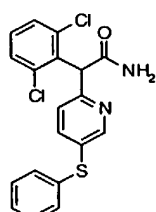
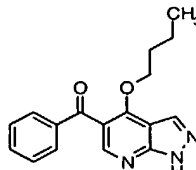
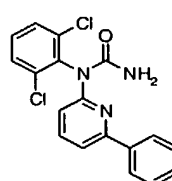
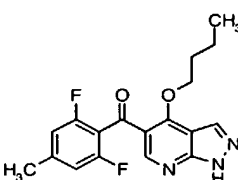
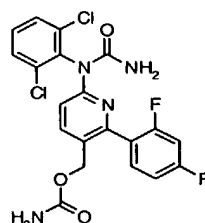
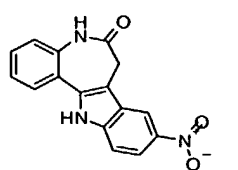
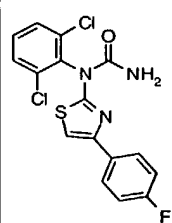
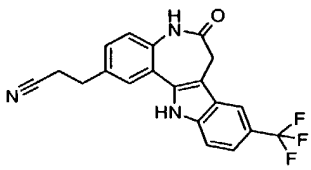
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	Bioorg. Med. Chem. Lett., 2000, 10, 567-569		

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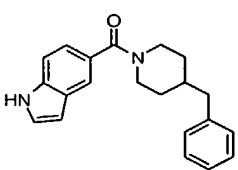
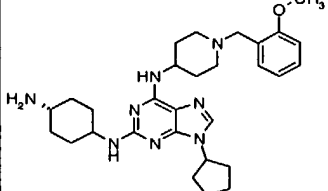
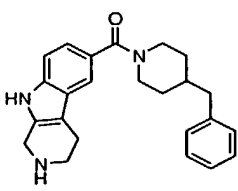
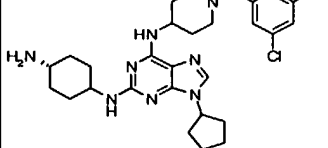
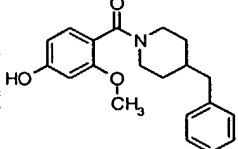
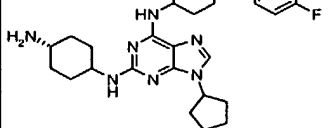
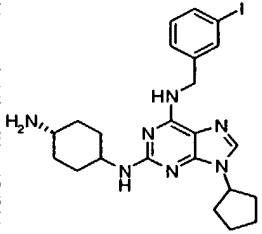
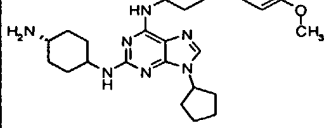
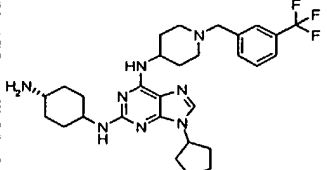
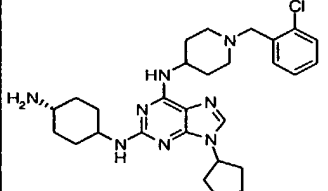
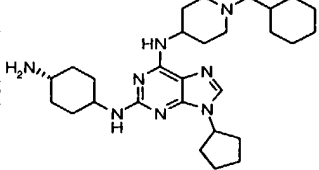
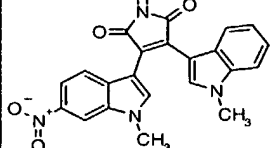
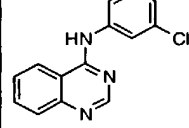
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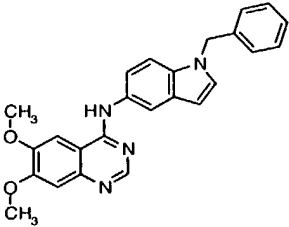
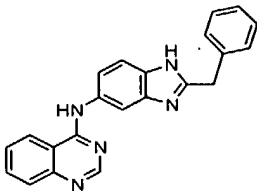
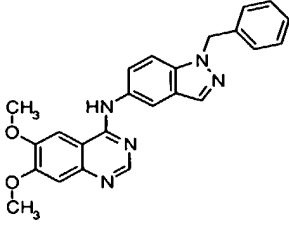
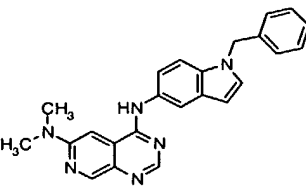
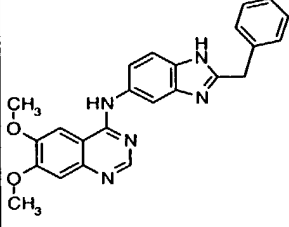
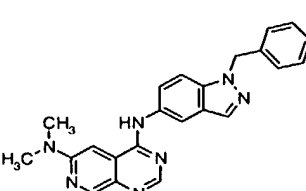
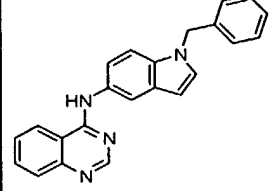
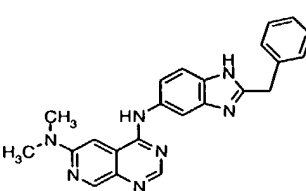
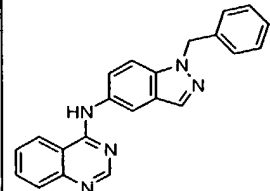
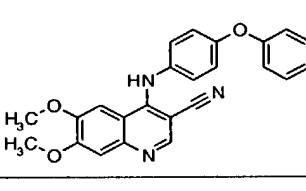
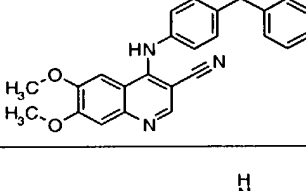
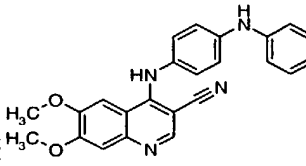
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Table 2 (cont.): Inhibitors of kinases

Structure	Reference	Structure	Reference

Table 2 (cont.): Inhibitors of kinases

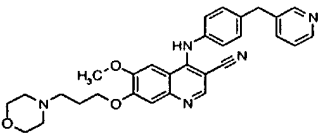
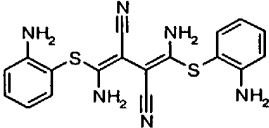
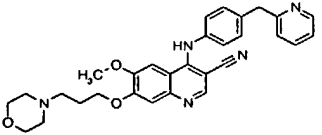
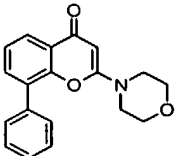
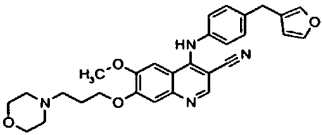
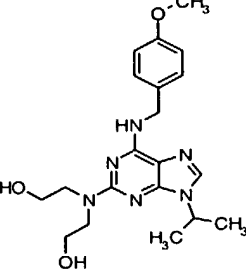
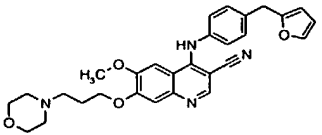
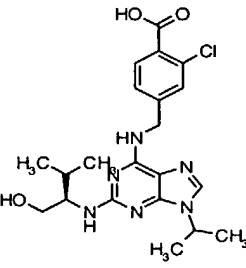
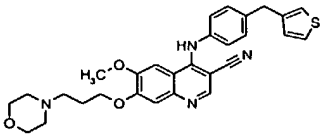
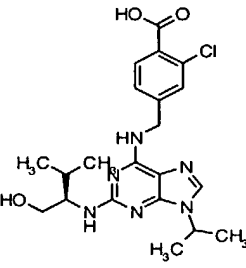
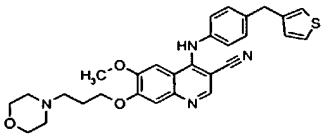
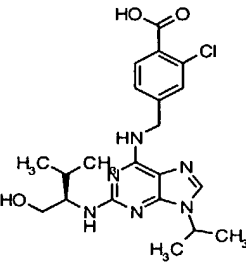
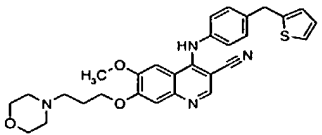
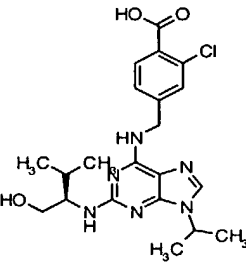
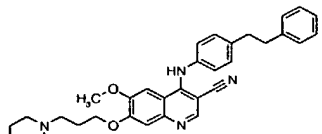
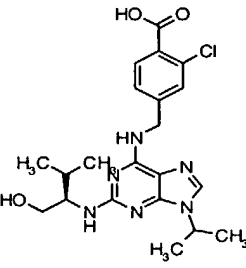
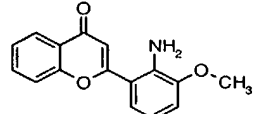
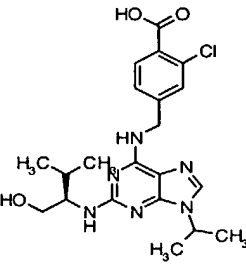
Structure	Reference	Structure	Reference
			
			
			
			
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

Structure	Reference	Structure	Reference
	J. Med. Chem. 2000, 43, 4089-4108		

Table 2 (cont.): Inhibitors of kinases

Structure	Reference	Structure	Reference

Table 2 (cont.): Inhibitors of kinases

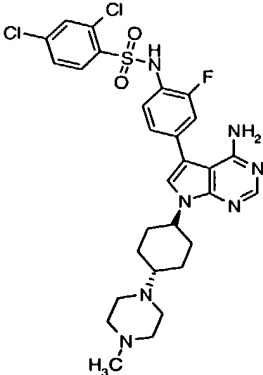
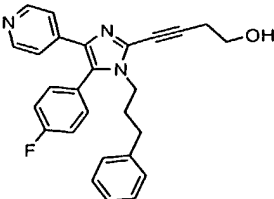
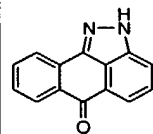
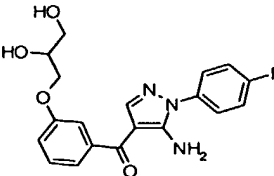
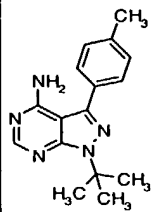
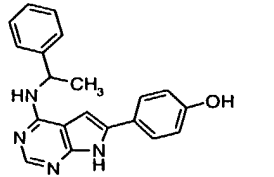
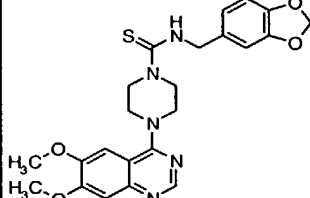
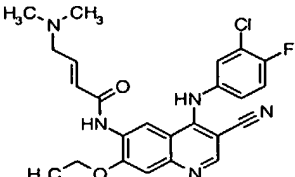
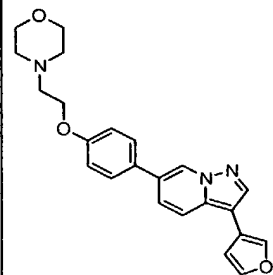
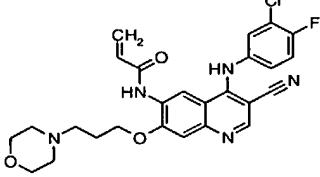
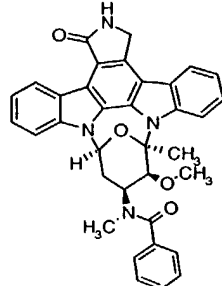
Structure	Reference	Structure	Reference
			
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

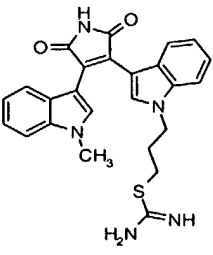
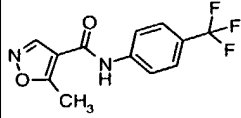
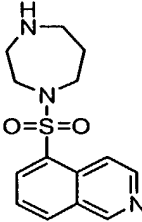
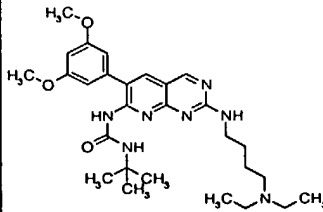
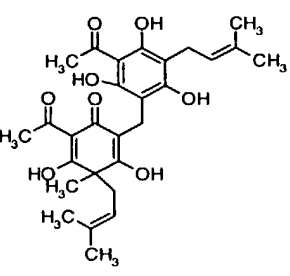
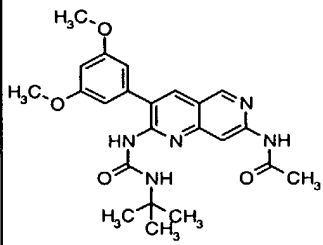
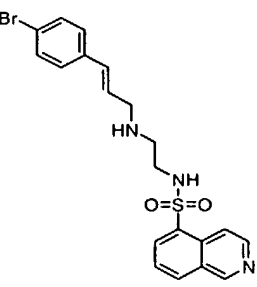
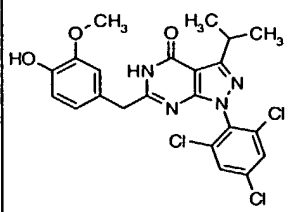
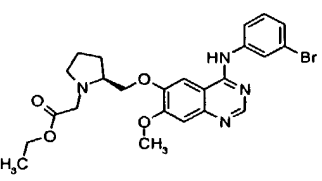
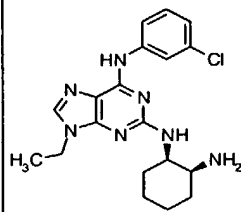
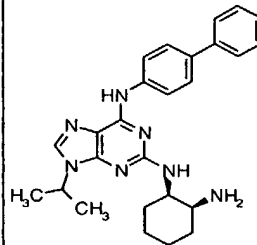
Structure	Reference	Structure	Reference
			
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

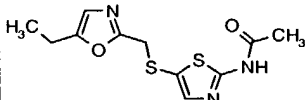
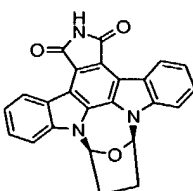
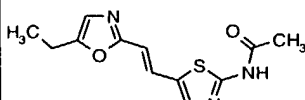
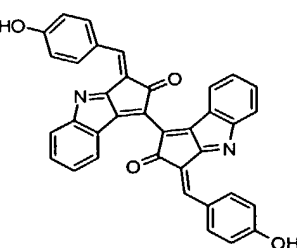
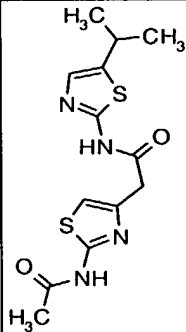
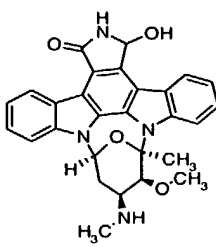
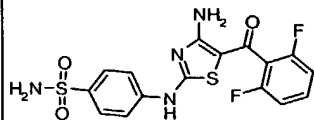
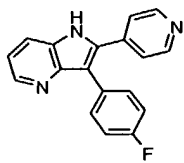
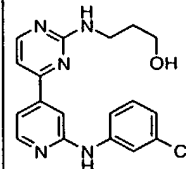
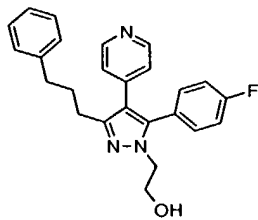
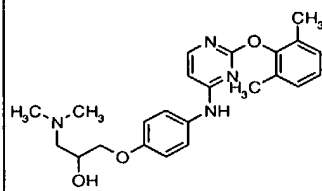
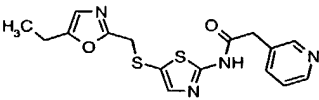
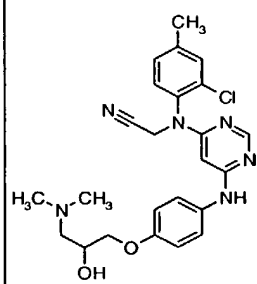
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			WO 9920624
			
			
			

Table 2 (cont.): Inhibitors of kinases

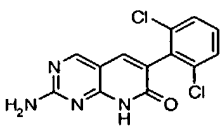
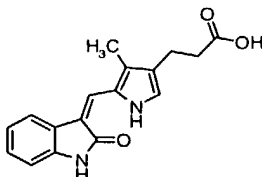
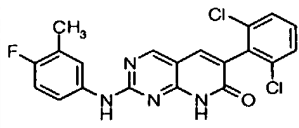
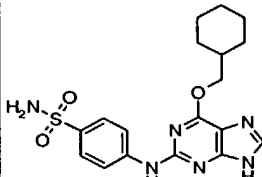
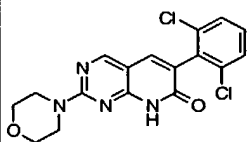
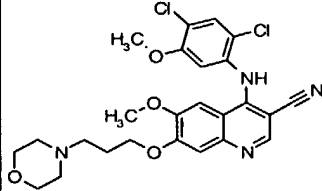
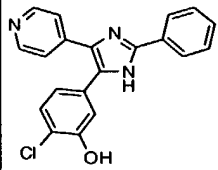
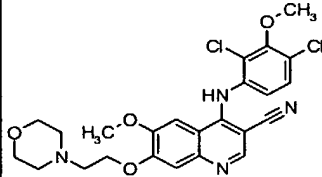
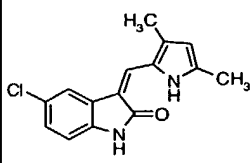
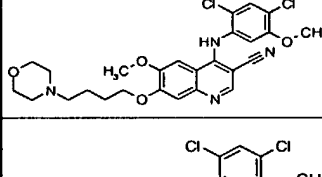
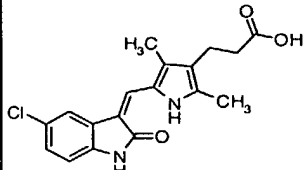
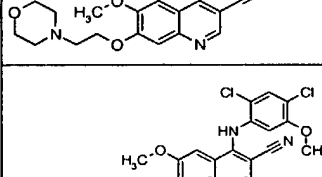
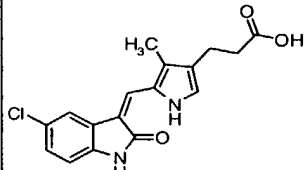
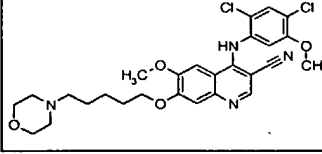
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Table 2 (cont.): Inhibitors of kinases

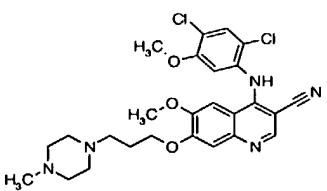
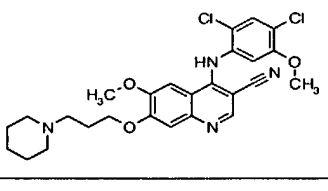
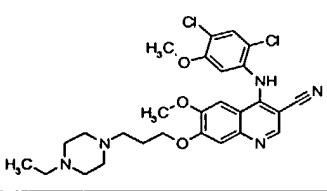
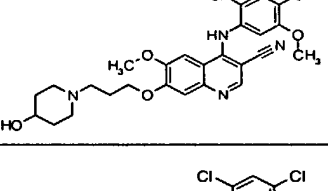
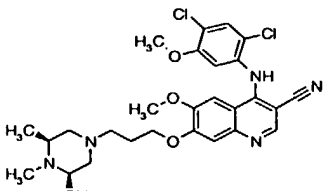
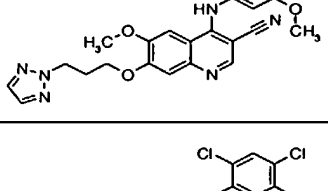
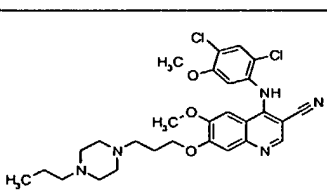
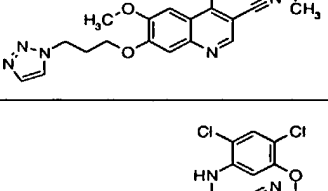
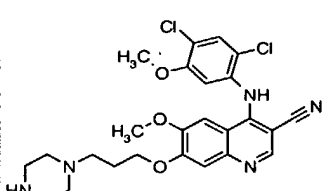
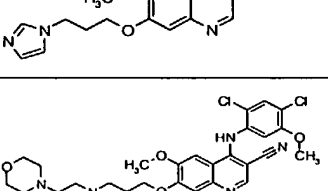
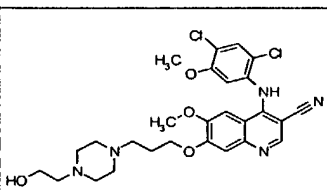
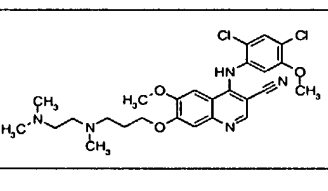
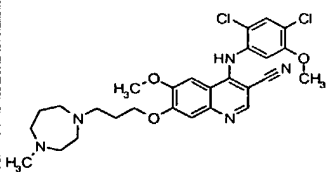
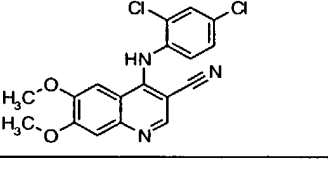
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Table 2 (cont.): Inhibitors of kinases

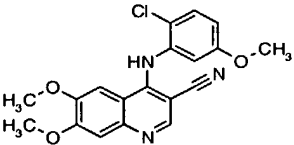
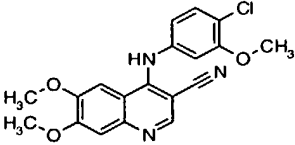
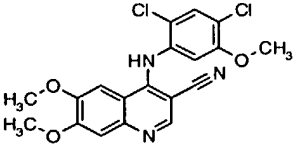
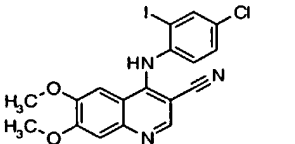
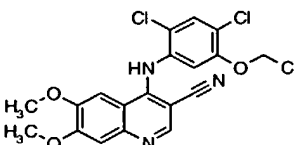
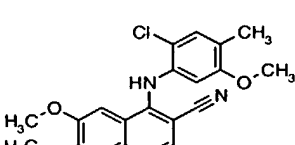
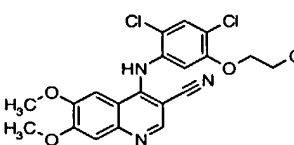
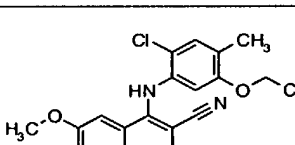
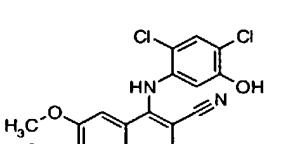
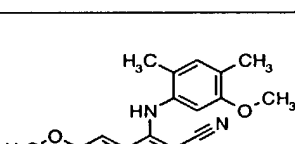
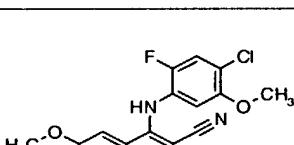
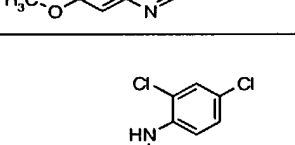
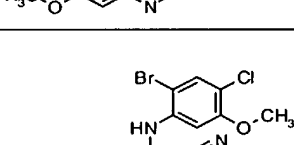
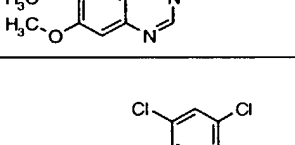
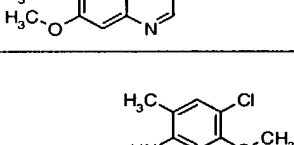
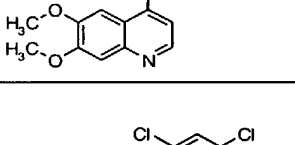
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Table 2 (cont.): Inhibitors of kinases

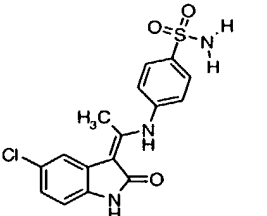
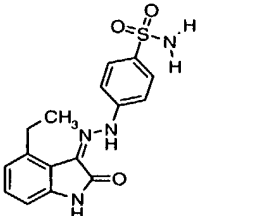
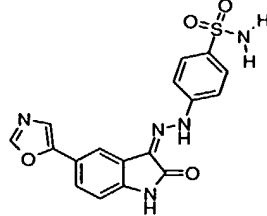
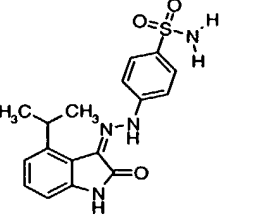
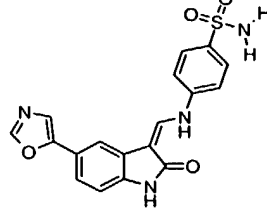
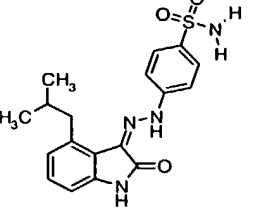
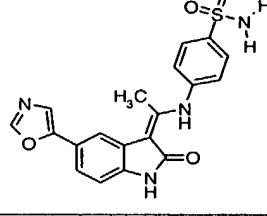
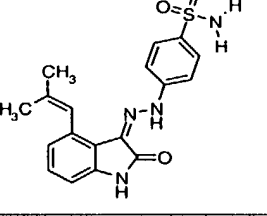
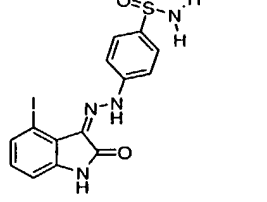
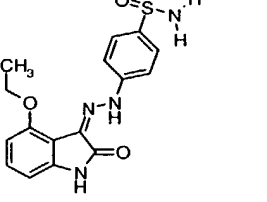
Structure	Reference	Structure	Reference
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

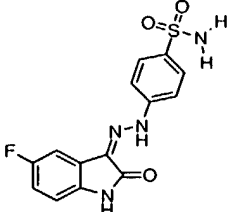
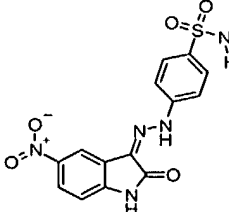
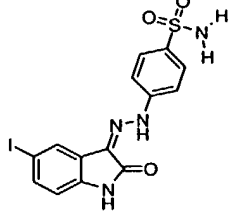
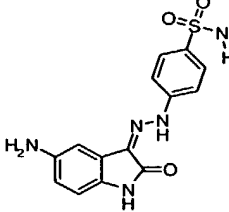
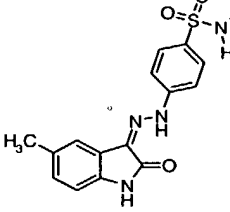
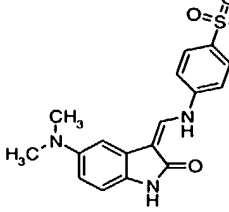
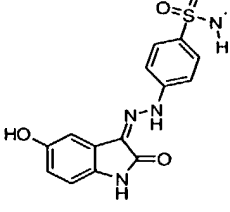
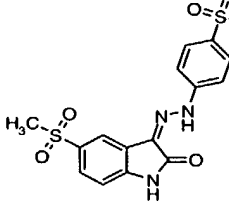
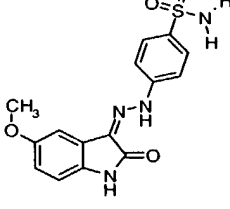
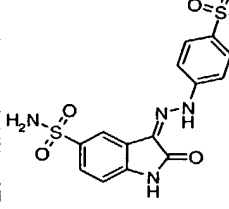
Structure	Reference	Structure	Reference
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

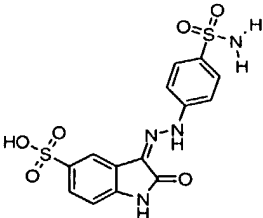
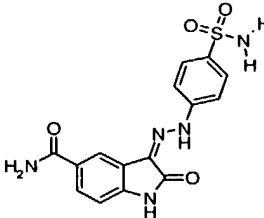
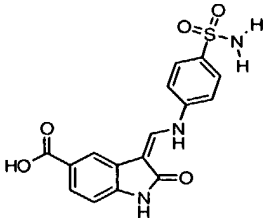
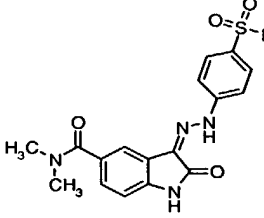
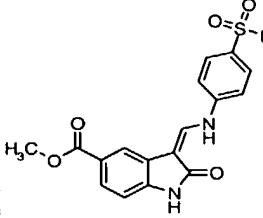
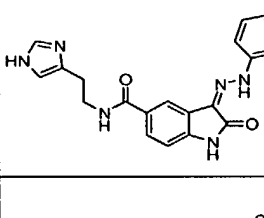
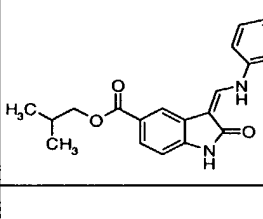
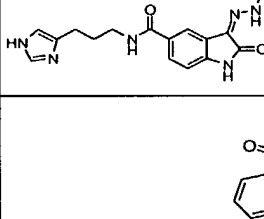
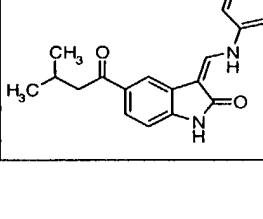
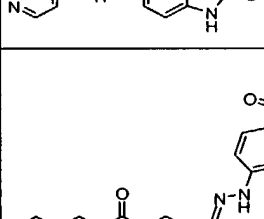
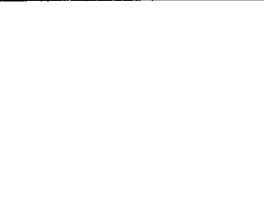
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Table 2 (cont.): Inhibitors of kinases

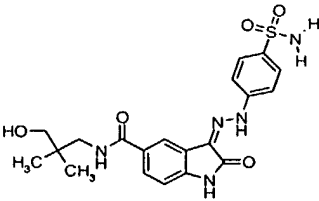
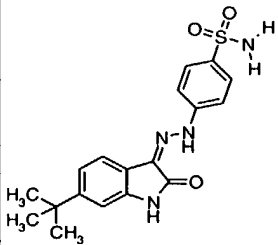
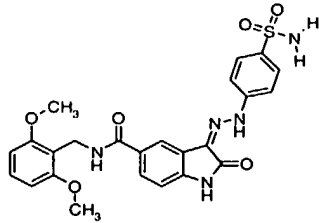
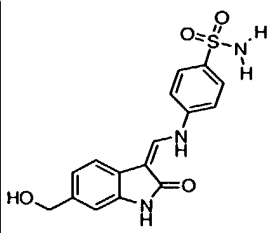
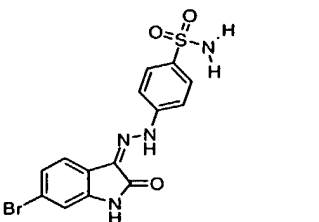
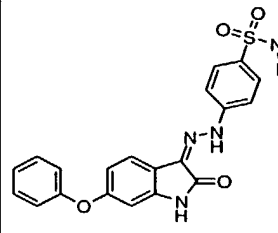
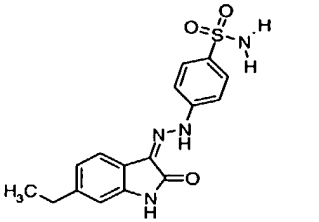
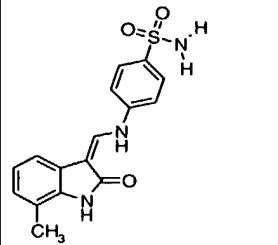
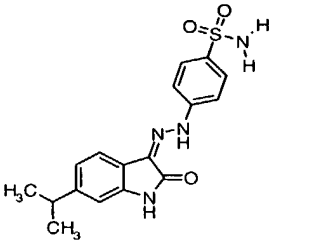
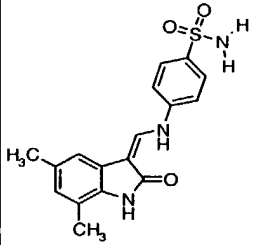
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Table 2 (cont.): Inhibitors of kinases

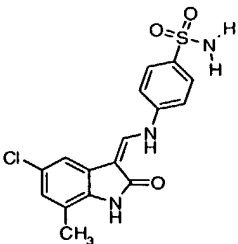
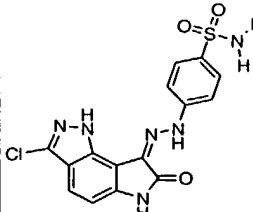
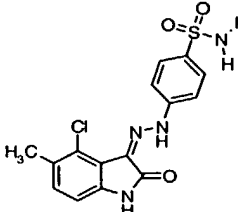
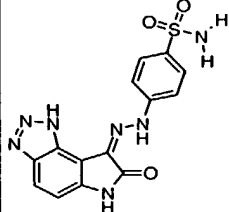
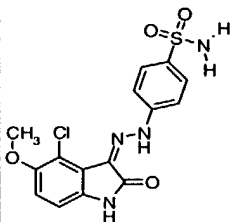
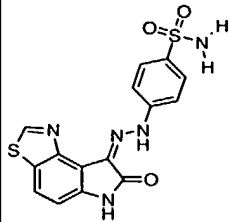
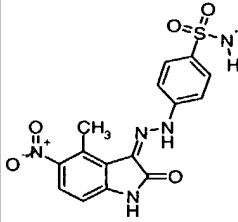
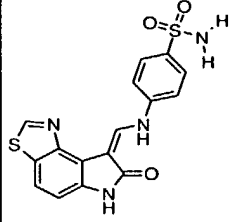
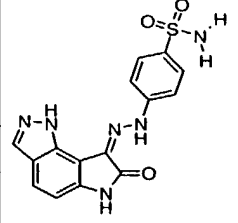
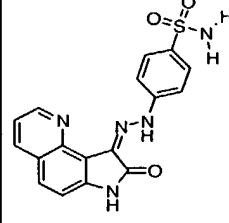
Structure	Reference	Structure	Reference
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

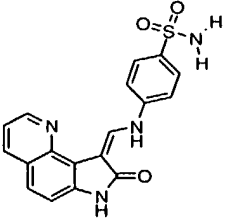
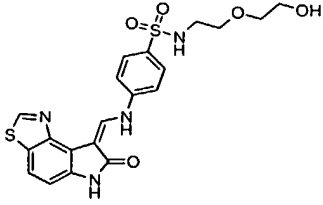
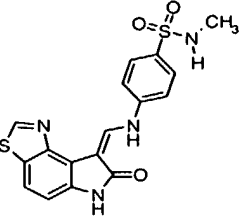
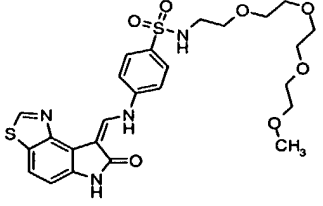
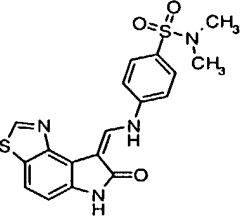
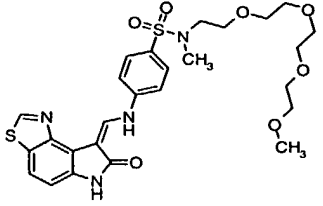
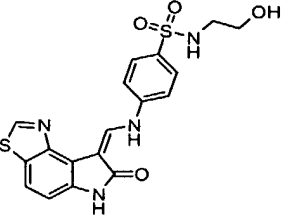
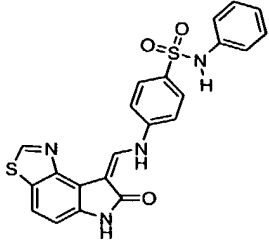
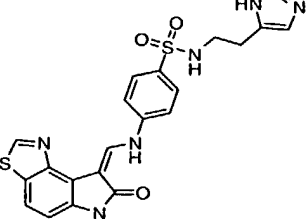
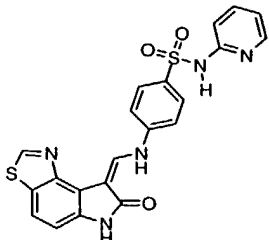
Structure	Reference	Structure	Reference
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

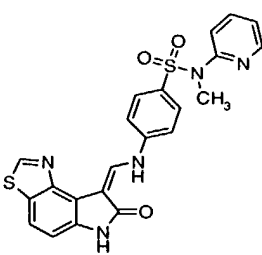
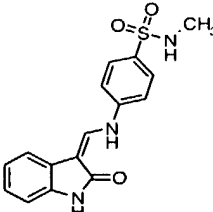
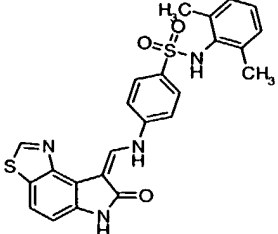
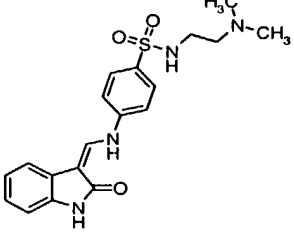
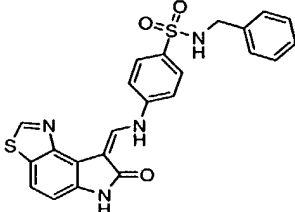
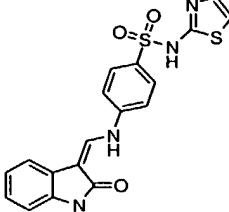
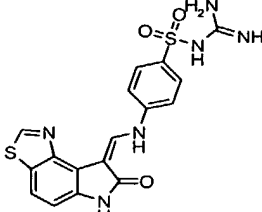
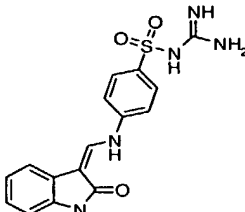
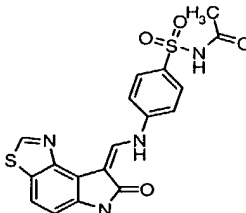
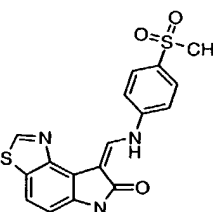
Structure	Reference	Structure	Reference
			
			
			
			
			

Table 2 (cont.): Inhibitors of kinases

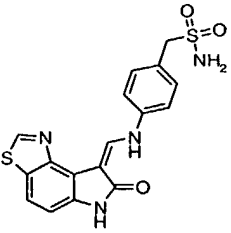
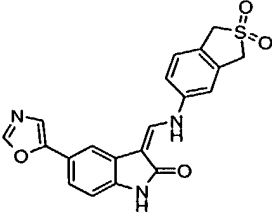
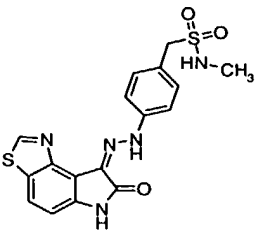
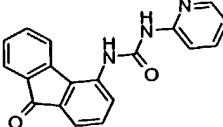
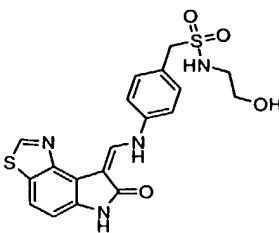
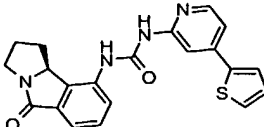
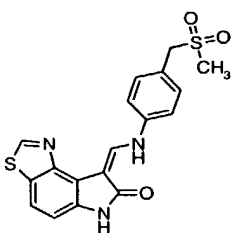
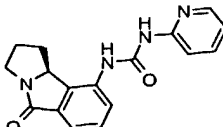
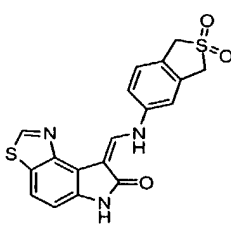
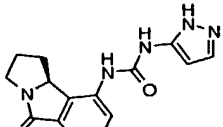
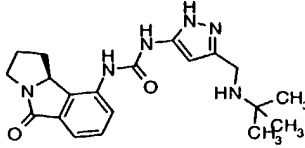
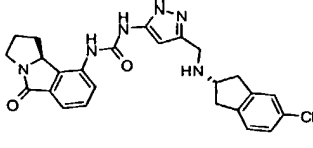
Structure	Reference	Structure	Reference
			
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			J. Med. Chem. 2001,44,4615
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			J. Med. Chem. 2001,44,4628
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			J. Med. Chem. 2001,44,4628

Table 2 (cont.): Inhibitors of kinases

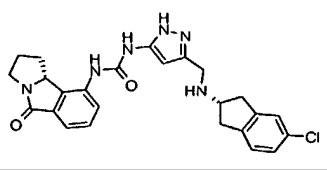
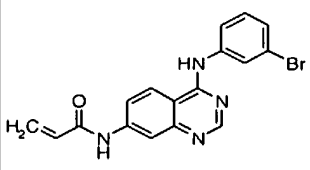
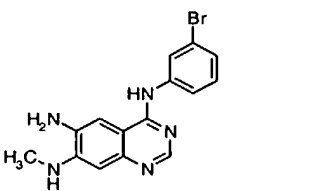
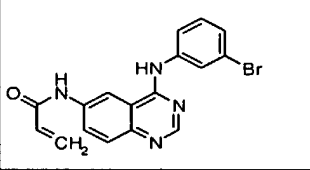
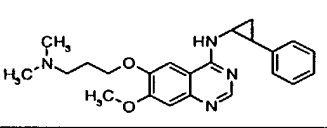
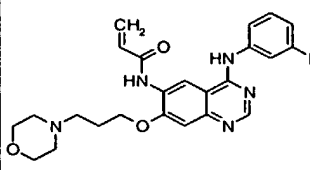
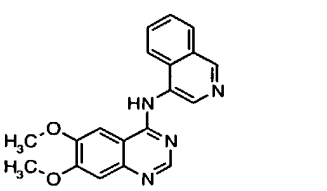
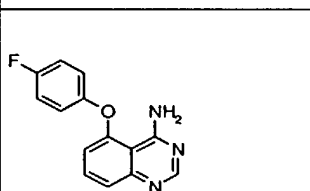
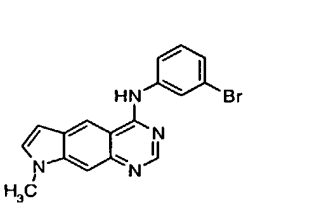
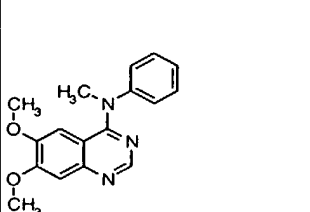
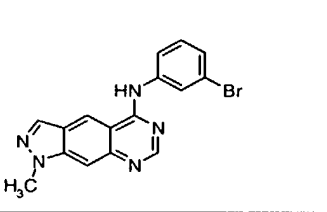
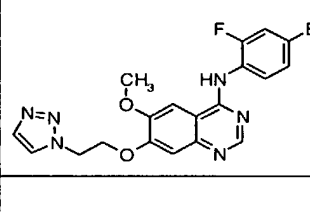
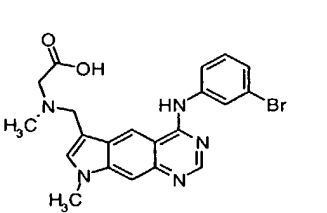
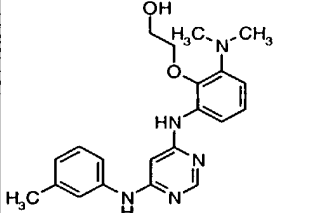
Structure	Reference	Structure	Reference
	J. Med. Chem. 2001,44,4628		
			
			Proc. Am. Assoc. Can. Res. 1999, 40, 117 & 121
			
			
			Proc. Am. Assoc. Can. Res. 1999, 90, 69
			

Table 2 (cont.): Inhibitors of kinases

Structure	Reference	Structure	Reference
			J. Med. Chem. 1995, 38, 3780
			J. Med. Chem. 1995, 38, 3780
			J. Med. Chem. 1997, 40, 3915
	J. Med. Chem. 1995, 38, 3780		
	J. Med. Chem. 1995, 38, 3780		J. Med. Chem. 1998, 41, 4365
			J. Med. Chem. 1997, 40, 1820

Table 2 (cont.): Inhibitors of kinases

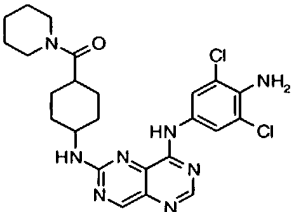
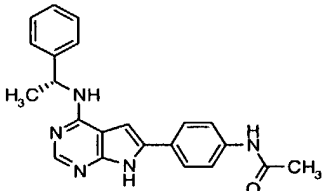
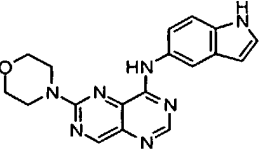
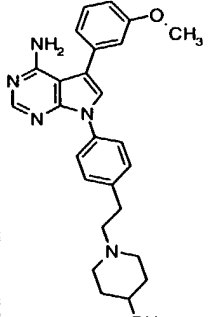
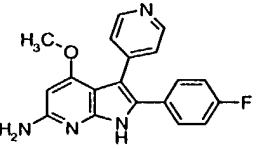
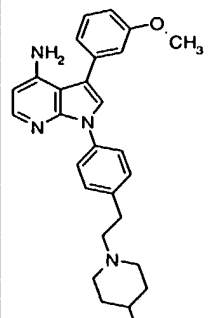
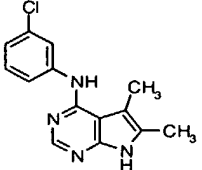
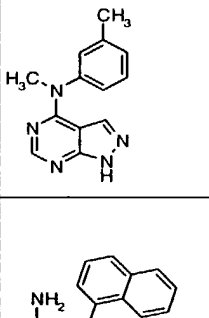
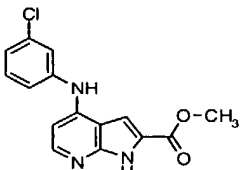
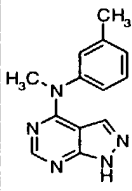
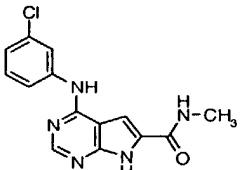
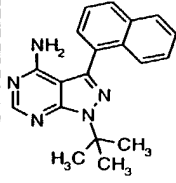
Structure	Reference	Structure	Reference
			
			
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Table 2 (cont.): Inhibitors of kinases

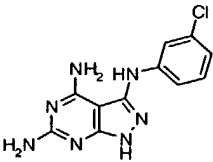
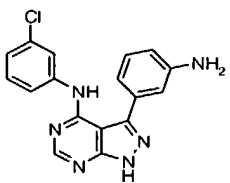
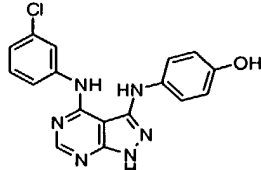
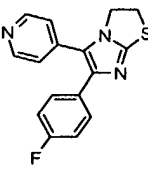
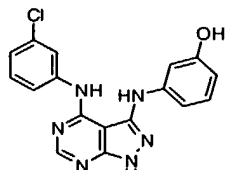
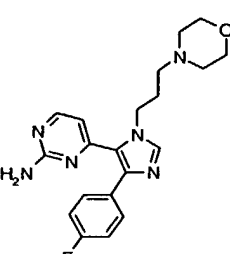
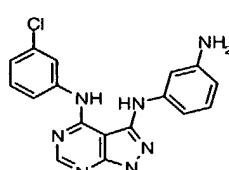
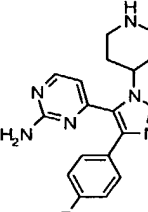
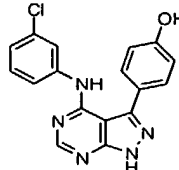
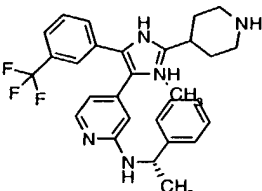
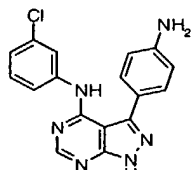
Structure	Reference	Structure	Reference
			
			Ann. N. Y. Acad. Sci. 1993, 696, 149
			
			
			J. Med. Chem. 1996, 39, 5215
			

Table 2 (cont.): Inhibitors of kinases

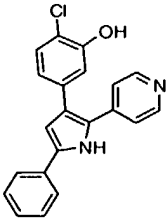
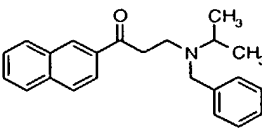
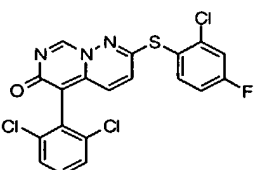
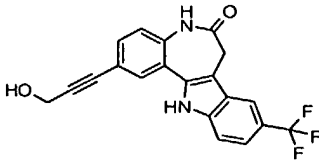
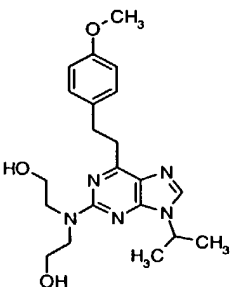
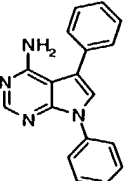
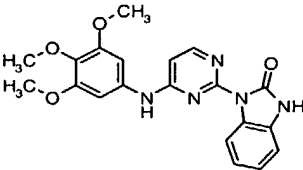
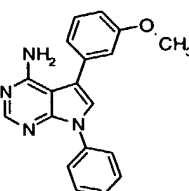
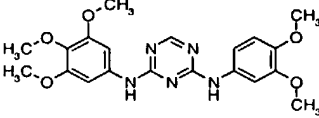
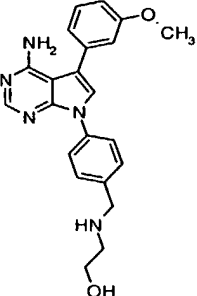
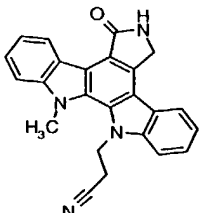
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	J. Med. Chem. 2001, 44, 3417		Bioorg. Med. Chem. Lett. 2000, 10, 567-569
	J. Biol. Chem. 1997, 272, 29207		
	WO 01/060816		Bioorg. Med. Chem. Lett. 2000, 10m 945-949
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Table 2 (cont.): Inhibitors of kinases

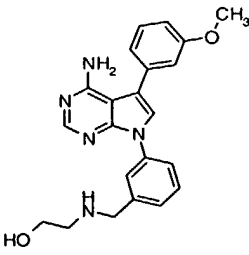
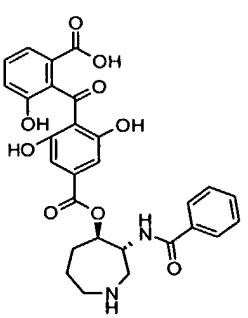
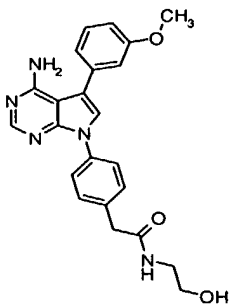
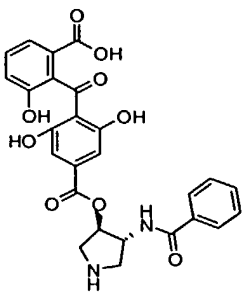
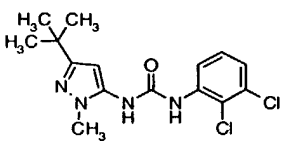
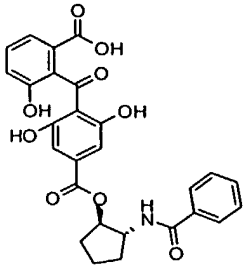
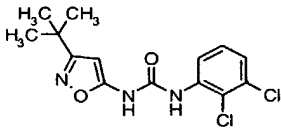
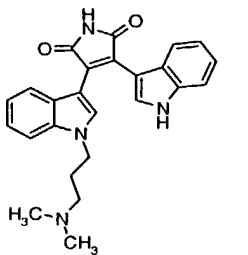
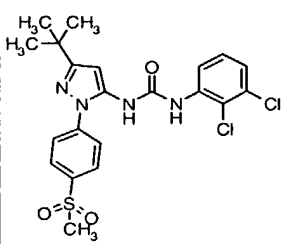
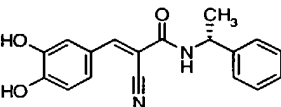
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Table 2 (cont.): Inhibitors of kinases

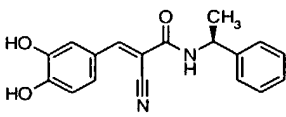
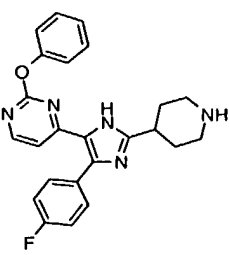
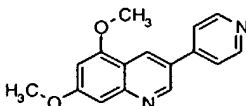
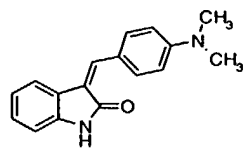
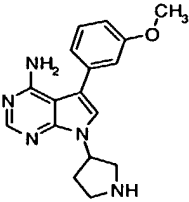
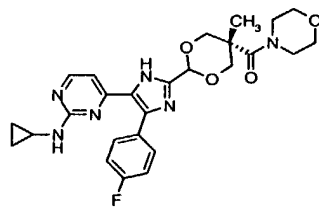
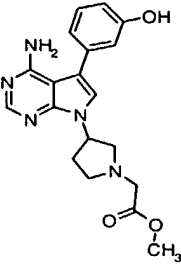
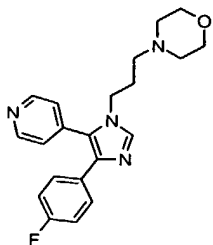
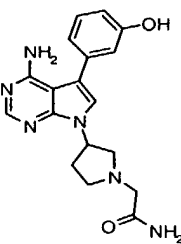
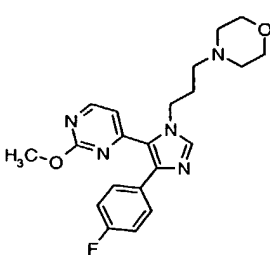
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Table 2 (cont.): Inhibitors of kinases

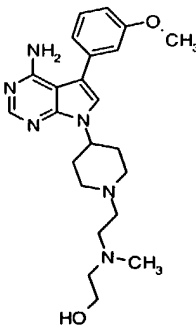
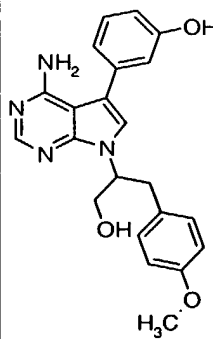
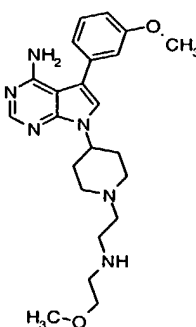
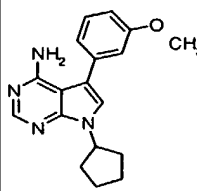
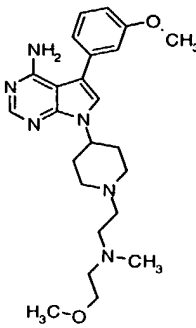
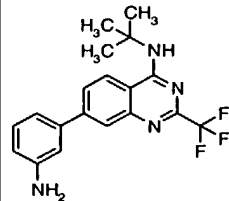
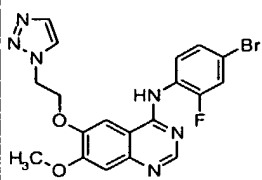
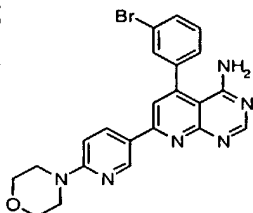
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			J. Med. Chem. 2001, 44, 2133-2138

Table 2 (cont.): Inhibitors of kinases

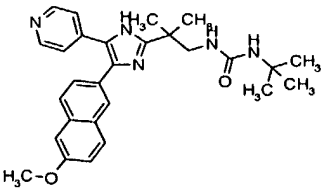
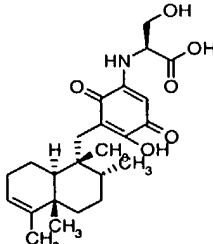
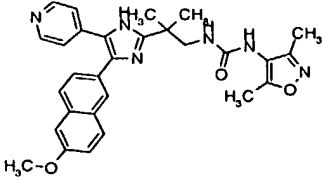
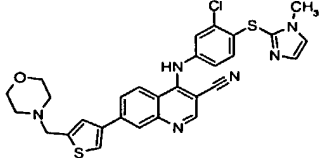
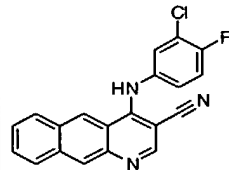
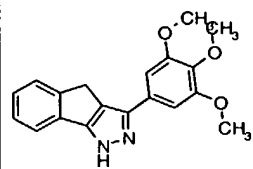
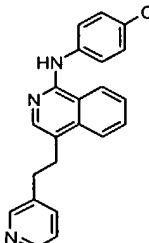
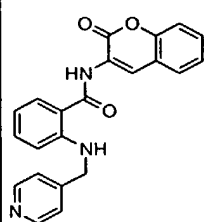
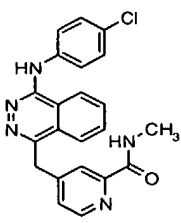
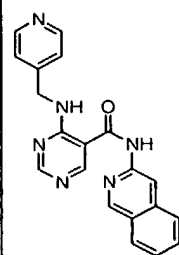
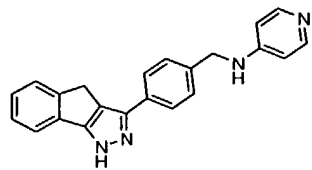
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Table 2 (cont.): Inhibitors of kinases

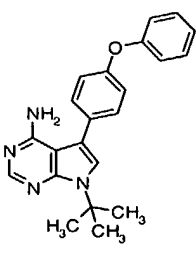
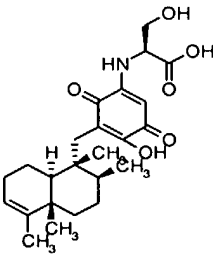
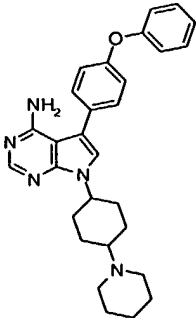
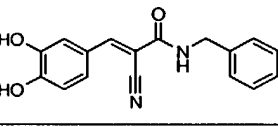
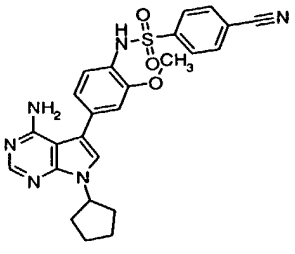
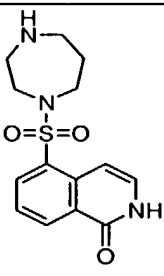
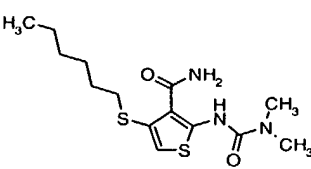
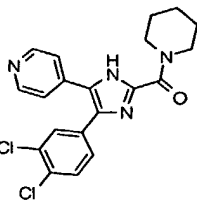
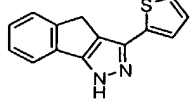
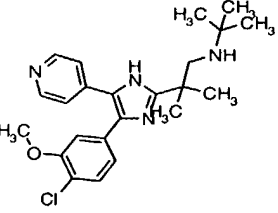
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	WO 00/017203		Atherosclerosis (Shannon, Ireland) (2002), 160(1), 123-132.
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Table 2 (cont.): Inhibitors of kinases

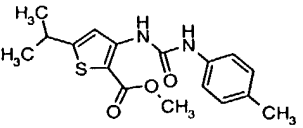
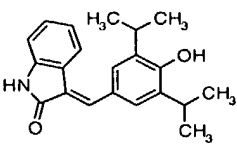
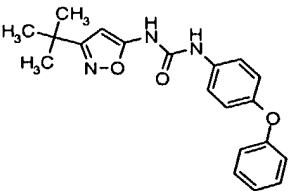
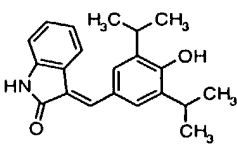
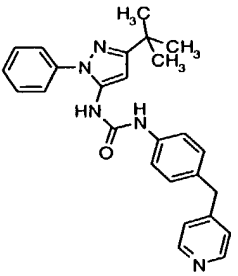
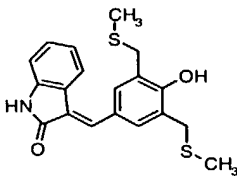
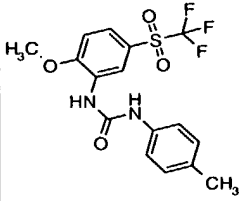
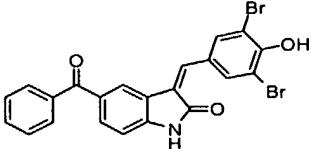
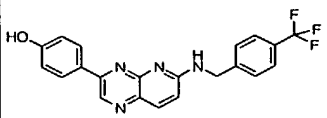
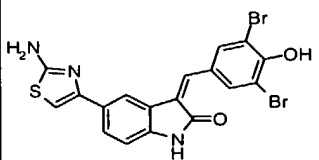
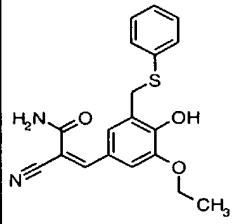
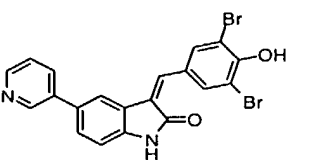
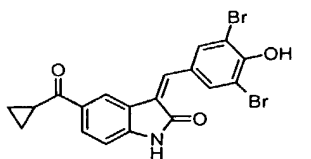
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	WO 99/32106		Biochem. Biophys. Res. Commun. 1987, 147, 322
	WO 99/32455		Biochem. Biophys. Res. Commun. 1987, 147, 322
	WO 99/32436		Bioorg. Med. Chem. Lett. 2000, 10, 223-226
	WO 99/17759		Bioorg. Med. Chem. Lett. 2000, 10, 223-226
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Table 2 (cont.): Inhibitors of kinases

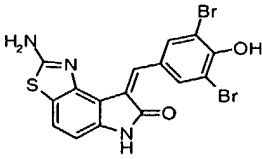
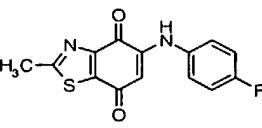
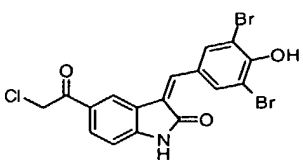
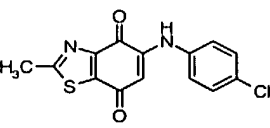
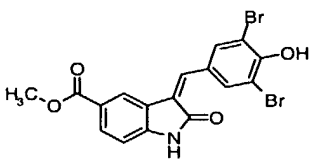
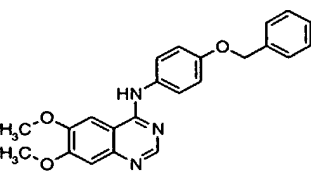
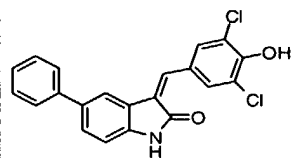
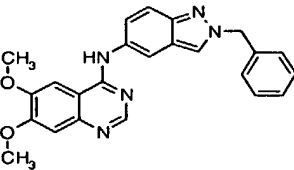
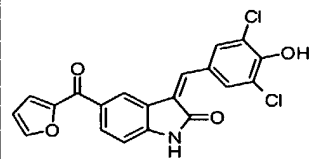
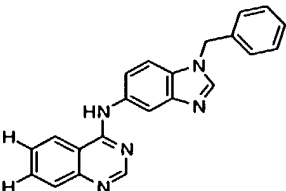
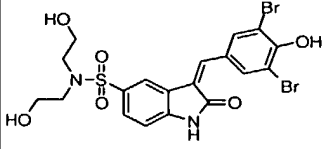
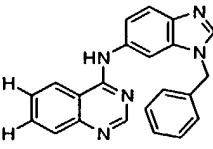
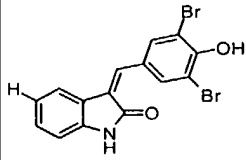
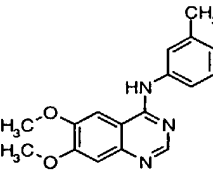
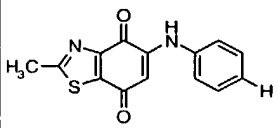
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Table 2 (cont.): Inhibitors of kinases

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Table 2 (cont.): Inhibitors of kinases

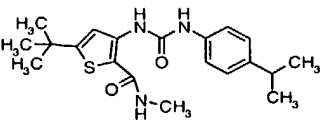
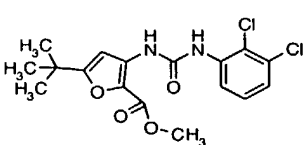
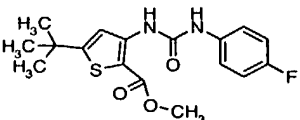
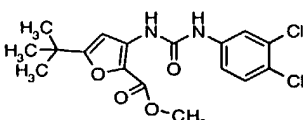
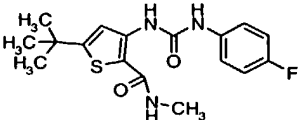
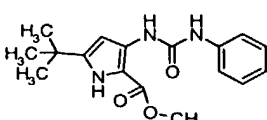
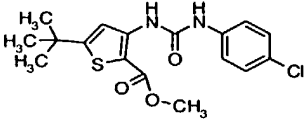
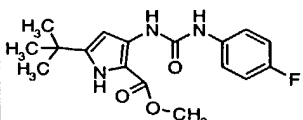
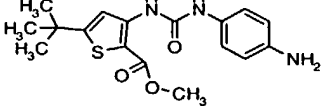
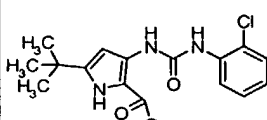
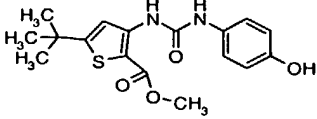
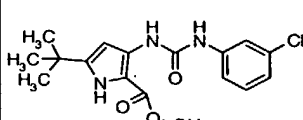
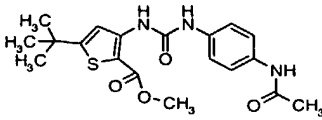
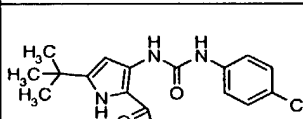
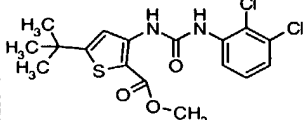
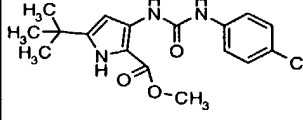
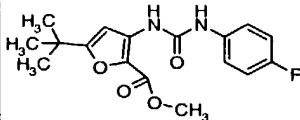
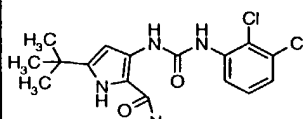
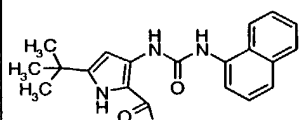
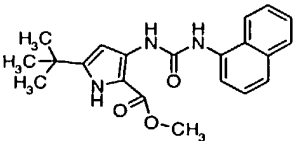
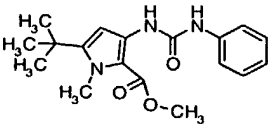
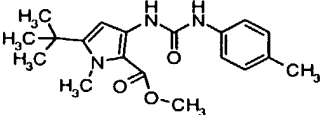
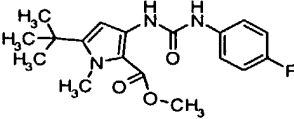
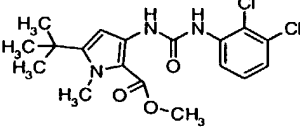
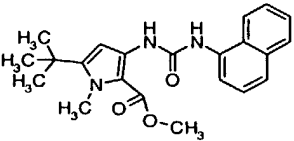
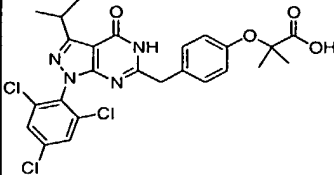
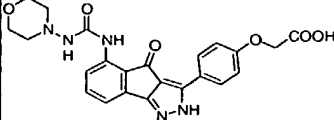
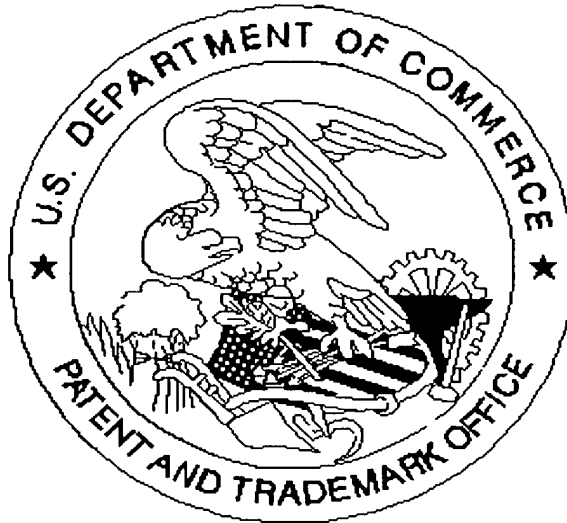
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	Bioorg. Med. Chem. Lett. 2001, 11, 9-12		Bioorg. Med. Chem. Lett. 2001, 11, 9-12
	Bioorg. Med. Chem. Lett. 2001, 11, 9-12		Bioorg. Med. Chem. Lett. 2001, 11, 9-12
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Table 2 (cont.): Inhibitors of kinases

Structure	Reference
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	Bioorg. Med. Chem. Lett. 2001, 11, 9-12
	Bioorg. Med. Chem. Lett. 2001, 11, 9-12
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